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TECH CENTER 1600/2900

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1642



1600

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/648,310

DATE: 07/18/2002

TIME: 15:08:58

Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF3\07182002\I648310.raw

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4 <110> APPLICANT: Fisher, Paul B.
5 Kang, Dong-Chul
6 Su, Zao-Zhong
8 <120> TITLE OF INVENTION: Progression suppressed gene 12 (PSGen
9 13) and uses thereof
11 <130> FILE REFERENCE: 34586 (070050.1668)
13 <140> CURRENT APPLICATION NUMBER: 09/648,310
14 <141> CURRENT FILING DATE: 2000-08-25
16 <160> NUMBER OF SEQ ID NOS: 6
18 <170> SOFTWARE: FastSEQ for Windows Version 4.0
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 780
22 <212> TYPE: DNA
23 <213> ORGANISM: rattus norvegicus
25 <400> SEQUENCE: 1
26 ggcacgagct ctctctgtcc cctcccttct ccactgcagc ctttctctta gcccgaaacca 60
27 ctctcttctt ctgcttggtc ctccctaggg cgcggaagct gagtgcaggg ttcagaccca 120
28 cgcggcgagc agctcttcag tgaagaagga agcaatcgga gggtcagcaa tgaacgtgga 180
29 gcatgagggt aacctcctgg tggaggaaat tcatcgtctg gggtccaaaa atgccgatgg 240
30 gaaactgagt gtgaagtttg gggctctctt ccaagacgac agatgtgcca atctctttga 300
31 agcgttggtg ggaactctga aagccgcaaa acgaagggaag attgttacgt acgcaggaga 360
32 gctgcttttg caaggtgttc atgatgatgt tgacattgta ttgctgcaag attaattgtg 420
33 tttgcagatc tgggggtatc tggtaaactg gaataattaa gttaaaggac aaacatgaag 480
34 ttcttatagt atttttatag acctttgtaa acaaaagggg acttggtgag aagtcctgtt 540
35 tttatacctt ggagcaaaac attacaatgt aaaaataaac aaaacctgtt attttttttt 600
36 tcttaagaag gtaatcggga gacgtaggca ataaaatgtt ttcagagggt cgaaaaagct 660
37 tttgttttct taaaccattc ttagtctctg ccacacttga cactccgtca aagtgagaag 720
38 cgaactaaag accaactgcg gtggaaaata ttatgtttat gtaataaaaa aaaatcatgt 780
41 <210> SEQ ID NO: 2
42 <211> LENGTH: 81
43 <212> TYPE: PRT
44 <213> ORGANISM: rattus norvegicus
46 <400> SEQUENCE: 2
47 Met Asn Val Glu His Glu Val Asn Leu Leu Val Glu Glu Ile His Arg
48 1 5 10 15
49 Leu Gly Ser Lys Asn Ala Asp Gly Lys Leu Ser Val Lys Phe Gly Val
50 20 25 30
51 Leu Phe Gln Asp Asp Arg Cys Ala Asn Leu Phe Glu Ala Leu Val Gly
52 35 40 45
53 Thr Leu Lys Ala Ala Lys Arg Arg Lys Ile Val Thr Tyr Ala Gly Glu
54 50 55 60
55 Leu Leu Leu Gln Gly Val His Asp Asp Val Asp Ile Val Leu Leu Gln
56 65 70 75 80

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57 Asp

61 <210> SEQ ID NO: 3

62 <211> LENGTH: 835

63 <212> TYPE: DNA

64 <213> ORGANISM: homo sapiens

66 <400> SEQUENCE: 3

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67 ggcacgaggc ttgagcgcag aaacacttac ttttccccct accctgctcc tcctcctcca 60
68 cagccgtctt tctctttgcc tcagccactt ccttccttcg cctcaccctc cccagtgcac 120
69 tgaagaaggt aaccgggtcc agaccacgc ggcgccagtt ctccggcggg aaggaaaacc 180
70 gcgcagagag gcagcaatga atgtggatca cgaggttaac ctcttagtgg aggaaattca 240
71 tcgtttgggt tcaaaaaatg ctgatggaaa gttaagcgtg aaatttgggg tcctcttccg 300
72 tgatgataaa tgtgccaaac tctttgaagc attggttaga actcttaaag ctgcaaaacg 360
73 aaggaagatt gtaacatatc caggagagct gcttctgcaa ggtgttcatg atgatgttga 420
74 cattatatta ctgcaagatt aatgtggttt acatatcttt atgtactgcc attttttgtt 480
75 tctggtaaac tggaatataa agtgaaagaa caaacatttg aacatactta atgtattttt 540
76 atagaacttt gtaaaccgaa ggagattcat gttttagaag tctgtccttt tttatatctt 600
77 gaaagaaaat ctatgtatga tgctataaaa taaatcctat tatttttctc aggaatctgg 660
78 ttaggaattg caggcaatga gattttttgc ggggcaggga tgggaatgtt tgttcataaa 720
79 taattagaca ttttctatag atatttgaca ttctgcgaaa gcaacaagca aactgaagac 780
80 caactcctat gagaaatatt atgatgttta tgtaataaag acatgtaact gtctt      835

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82 <210> SEQ ID NO: 4

83 <211> LENGTH: 81

84 <212> TYPE: PRT

85 <213> ORGANISM: homo sapiens

87 <400> SEQUENCE: 4

BB¹²

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88 Met Asn Val Asp His Glu Val Asn Leu Leu Val Glu Glu Ile His Arg
89 1          5          10          15
90 Leu Gly Ser Lys Asn Ala Asp Gly Lys Leu Ser Val Lys Phe Gly Val
91          20          25          30
92 Leu Phe Arg Asp Asp Lys Cys Ala Asn Leu Phe Glu Ala Leu Val Gly
93          35          40          45
94 Thr Leu Lys Ala Ala Lys Arg Arg Lys Ile Val Thr Tyr Pro Gly Glu
95          50          55          60
96 Leu Leu Leu Gln Gly Val His Asp Asp Val Asp Ile Ile Leu Leu Gln
97 65          70          75          80

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98 Asp

102 <210> SEQ ID NO: 5

103 <211> LENGTH: 28

104 <212> TYPE: DNA

105 <213> ORGANISM: Artificial Sequence

107 <220> FEATURE:

108 <223> OTHER INFORMATION: synthetic oligonucleotide

110 <400> SEQUENCE: 5

111 tcgcttctca ctttgacgga gtgtgaag

28

113 <210> SEQ ID NO: 6

114 <211> LENGTH: 28

115 <212> TYPE: DNA

116 <213> ORGANISM: Artificial Sequence

118 <220> FEATURE:

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BB¹²
119 <223> OTHER INFORMATION: synthetic oligonucleotide

121 <400> SEQUENCE: 6

122 tgtcaagtgt ggcagagact aagaatgg

28

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VERIFICATION SUMMARY

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Input Set : A:\PTO.VSK.txt

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